

ROUNDUP

NASA LYNDON B. JOHNSON SPACE CENTER

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Friday, October 8, 1976



TOP MONEY SAVERS — Center Director Dr. Christopher C. Kraft Jr., left, presents Minuteman cost reduction trophies to three men who saved NASA almost \$23.1 million. Reliability

Division employees Marion E. Merrell, Henry L. Williams and Joseph H. Levine proposed reduction in Space Shuttle Ground support requirements. See related photo, page 2.

JSC cost reducers save millions of \$

Three employees of the Reliability Division have received \$100 cash awards and Minuteman cost reduction trophies for saving NASA and the taxpayers almost \$23.1 million during the last four months.

Joseph H. Levine, division chief, Marion E. Merrell and Henry L. Williams were cited for their reduction in Space Shuttle ground support equipment requirements.

The resulting cost savings is believed to be the largest in the agency for the four-month period.

These men were among 36 JSC and White Sands Test Facility cost reducers who were recognized by Center Director Dr. Christopher C. Kraft Jr. at an awards ceremony, Sept. 24.

Also receiving Minuteman trophies were Kim W. Anson and L. D. Armstrong of the Flight Control Division, Paul E. Sollock of the Control Systems Development Division and Lowell R. Hamilton of the Orbiter Avionics Systems Office.

Anson and Armstrong were cited for a \$2.5 million savings resulting from an Orbital Flight Test dump data processor deletion.

Sollock and Hamilton were recognized for proposing a low-cost alternative to flight-type hardware in simulation facilities which saved \$550,000.

ACE awards were presented to Richard J. Piotrowski, representing

the Engineering Operations Branch; John L. C. Mire, Flight Simulation Division; Grady E. McCright, White Sands; Edgar P. Odenwalder, Engineering and Development; Franklin D. Nolin, Institutional Procurement Division, and Samuel R. Weathersby, Orbiter Logistics Office.

Minuteman trophies are given to individuals responsible for cumulative savings of more than \$5 million. ACE awards are presented to those who submit five or more verified cost reduction reports.

Employees receiving regular certificates for at least one cost reduction award were John T. Weber, James M. Satterfield, Charlie C. Allen, William P. Gravett, Jarrell J. Priess and John C. Stonesifer.

Also William H. Bush, William L. Taylor, Ronald C. Sobolik, Don F. Simanton, Robert W. Force, John L. C. Mire, Larry J. Dungan, Jerry T. Kilpatrick, Edward E. Quin and William R. Weimer.

Also Leo F. Waltz, John D. Richardson, Clyde O. Waters, Carl A. Romero, Joseph H. Levine, Edwin W. Sievers, C. D. Howards, and from White Sands, William M. Schroeder and M. L. Wilde.

During the past 14 months, 89 cost reduction reports have been received at JSC representing a total savings of almost \$40 million.

Dr. Faget receives professional awards

Dr. Maxime A. Faget, director of Engineering and Development, has been chosen to receive awards from the American Astronautical Society and the Instrument Society of America.

The AAS was scheduled to present its Space Flight Award to Faget at its 22nd Annual Meeting, Oct. 7, in Washington, D.C.

The award is given to one who has contributed the most towards the advancement of space flight and space exploration. Faget received AAS's William Randolph Lovelace II award in 1971.

The ISA will present its Albert F. Sperry Medal Award to Faget during the ISA Bicentennial Honors and Awards Luncheon, Oct. 12, at the Astrohall.

The Sperry award carries a certificate, medal and \$1,000 honorarium for technical, educational or philosophical contributions to the science and technology of instrumentation.

Faget will be cited for "advancing spacecraft, laboratory and bio-

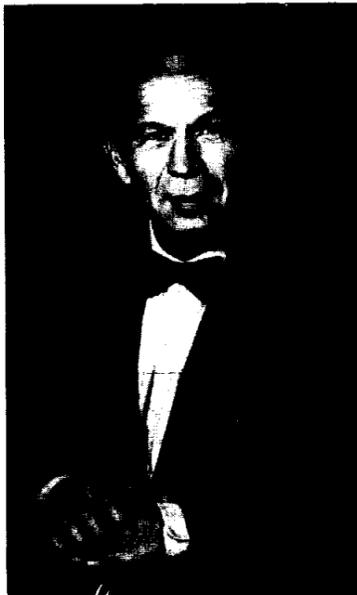
medical instrumentation through technical and engineering leadership of manned space flight programs."

Faget was one of the original 35 members of the NASA Space Task Group and he helped establish the instrumentation for all manned space flight projects since Mercury.

In 1969, Faget was inducted into the National Space Hall of Fame and received the NASA Medal for Exceptional Service and the NASA Distinguished Service Medal, the agency's highest award.

Among other numerous honors, he has received AIAA's Spacecraft Design Award, IEEE's Award of Outstanding Accomplishments and Harry Diamond Award, the ASME Gold Medal and the Guggenheim Award of the International Academy of Astronautics.

Faget received a BS degree in mechanical engineering from Louisiana State University in 1946. He has been presented honorary doctorate of engineering degrees from both LSU and the University of Pittsburgh.



Dr. Maxime A. Faget

It's last day to buy Picnic meal tickets

Today, Oct. 8, is the last day to buy meal tickets for the EAA Spirit of '76 Picnic and assure yourself of a barbecue plate.

The \$3 tickets, which include general admission, bus service from the parking area to the picnic grounds, all the concessions and much more, are available at the Bldg. 11 Exchange Store until 2 p.m. or from your EAA representative.

Only \$1 general admission tickets will be sold during the week of the picnic which will be held Saturday, Oct. 16, from 11 a.m. to 5 p.m. on the grounds outside the Gilruth Recreation Center.

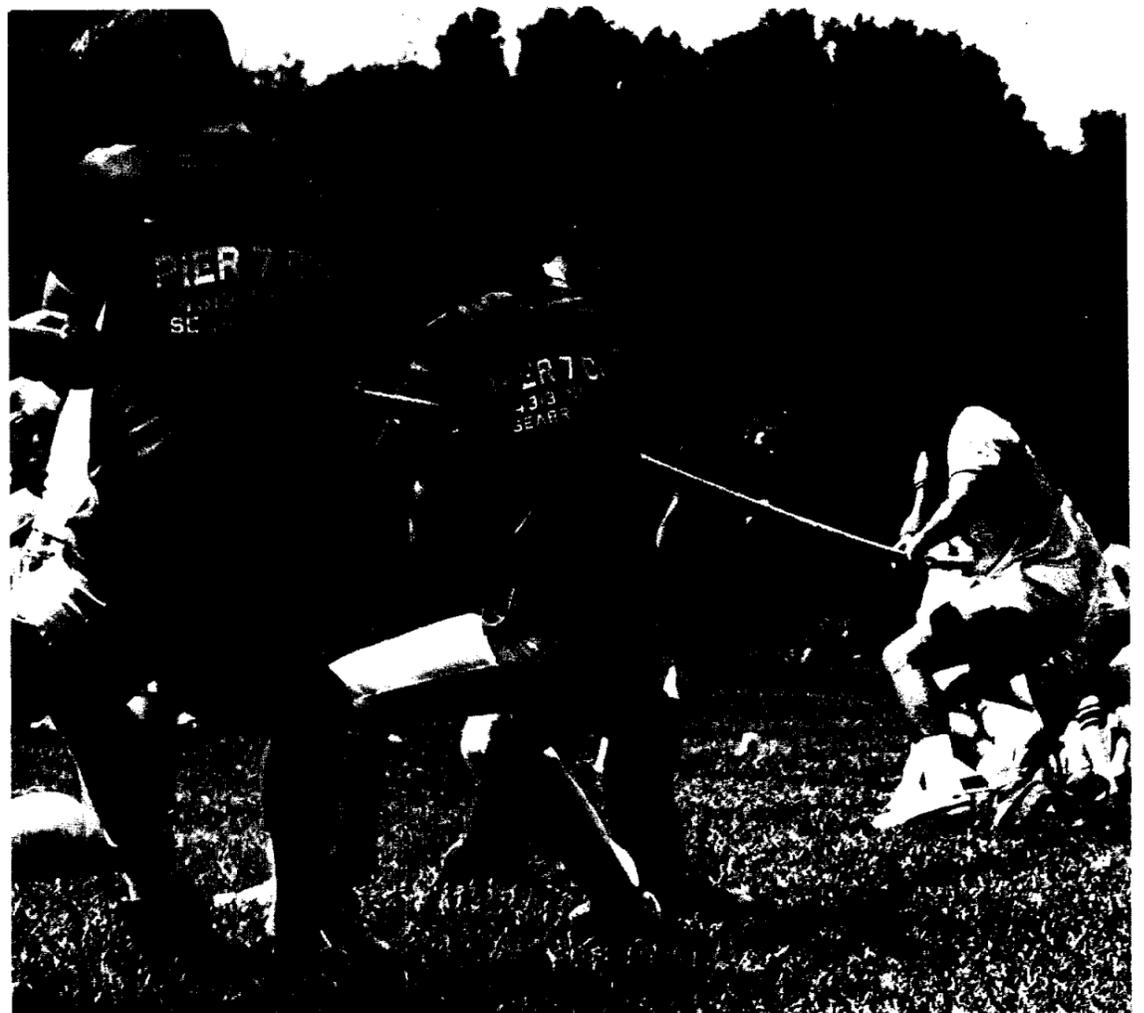
For your \$1, you get soft drinks,

beer, cotton candy, snocones and popcorn at no extra charge.

In addition, there are the midway carnival rides for the kids, EAA club exhibits, games (including the log pull, again), a rock band providing musical entertainment, and more, all for your \$1.

You will be directed at the gate to the parking area where buses will pick up the picknickers. Tickets will be checked at the bus so have them out and ready to show to the picnic committee members in charge.

This is the 13th annual EAA picnic and it will have a Bicentennial flavor in keeping with the Spirit of '76 theme.



HEAVE, HO! — Tuggers-of-war match their teams' strength and coordination in this rope-pull which is only one of many activities providing fun for the entire family at the EAA Pic-

nic. The Spirit of '76 Picnic will be held Oct. 16. Buy your tickets now. This photo was taken at last year's picnic by Dave Heath, president of the JSC Photo Club.



COST REDUCERS — Receiving cost reduction awards Sept. 24 were, l to r, Minuteman trophy winners Kim W. Anson, Lawrence L. D. Armstrong, Lowell R. Hamilton and Paul E. Sollock. ACE award winners were Richard J. Piotrowski (representing Engineering Operations Branch), John L. C. Mire, Franklin D. Nolin, Edgar P. Odenwalder, Samuel R. Weathersby, and Grady E. McCright of White Sands.

Oxygen system builder chosen

Hamilton Standard Division of United Technologies Corp. has been chosen by JSC for negotiations leading to a contract award for development and production of a portable oxygen system for Space Shuttle crew and passengers.

The system consists of a face mask, rebreather loop, heat exchanger, oxygen bottle and recharge kit and will be capable of operating independently or in connection with the Shuttle oxygen system.

The portable system will meet four special Shuttle needs: emergency oxygen in case of cabin atmosphere contamination, pre-breathing before spacewalks for denitrogenizing crewmen's circulatory systems, life support during rescue operations, and emergency oxygen after landing if the atmosphere around Shuttle Orbiter is contaminated.

Amount of the proposed cost-plus-fixed-fee contract will be approximately \$1.9 million, and will run from Nov. 13, 1976, to July 13, 1979.



SHUTTLE SPACESUIT — Side lighting and dark shadows make an interesting photograph in this demonstration of Hamilton Standard's proposed spacesuit for use by Orbiter crews. The contract provides for the suits to be produced in sizes small, medium and large for use by either men or women.

Aeronutronic to support ground systems

NASA has signed a contract with Aeronutronic Ford Corp. for support services for the Mission Control Center and various other ground-based data systems managed by JSC.

Work to be performed consists of ground data hardware and software systems engineering, implementation, maintenance and operations. Other functions under the contract will include logistics, reliability and quality assurance for MCC and the other ground-based data systems.

Aeronutronic Ford will perform the majority of the work on-site with support from its facilities at Willow Grove, Pa.

The cost-plus-award-fee contract is valued at about \$46,550,000 with the period of performance from July 1, 1976, through Sept. 30, 1978.

JSC modifies IBM contract

JSC has modified a contract with International Business Machines Corp. to cover software for ground-based computing and data processing systems at the Center.

Modification of the cost-plus-award-fee contract with IBM brings the contract value to \$19,463,000. IBM will develop computer programs for vehicle mission management and flight operations for the Space Shuttle Program and related scientific and medical operations.

Secretaries observe Bosses Day Oct. 14

National Bosses Day will be observed by the NASA Clear Lake Chapter of the National Secretaries Association with an Executive Night Dinner, Oct. 14, at the Old Swiss House on NASA Road 1.

The chapter's 1975-76 Boss of the Year, Tony C. Riggan, will give the address. Riggan is contracting officer in the JSC Program Procurement Division.

Highlighting the dinner will be announcement of the Boss of the Year for 1976-77.

The selection is made by a panel of judges who evaluate nominations submitted by NASA chapter members. Each nomination includes information on education; participation in civic, church and professional activities; achievements and awards, and business experience.

The nominating secretary's own evaluation and reasons why she feels her boss merits the title are also included.

The National Secretaries Association (International) designates Oct. 16 as National Bosses Day. Since that date falls on a Saturday

this year, it is being observed on Oct. 14.

More information about the dinner and program may be obtained from Jean Claxton, chairman of the Boss of the Year Committee, 488-1270, ext. 578.

Reservations may be made for secretaries, their bosses and other guests by calling Elaine Stemerick at JSC, X-2141; Rachel Windham, X-3741, or Phyllis Barrow, X-4235.



Tony C. Riggan

James Duval named top Co-op of month

James E. Duval, Georgia Institute of Technology physical science major, has been named JSC Cooperative Education Student of the Month for October.

Duval, who has been with the program for two years, was nominated for the award by Dr. Yoji Kondo, JSC astronomer.

Kondo cited Duval's "superlative performance" on assignments which included support in laboratory work and scientific data analysis utilizing computers.

Duval has participated in the Balloon-borne Ultraviolet Stellar Spectrometer (BUSS) project, Orbiting Astronomical Observatory Copernicus observations and ground-based observations of X-ray binaries, Kondo said.

"In all his assigned tasks, he has worked very productively and creatively with a strong sense of dedication. His level of performance — has

exceeded what is generally expected of an undergraduate student and was comparable to that of a strong graduate student," Kondo observed.

We would like to sincerely thank everyone who has donated or intends to donate blood to 4-year-old Shannon Arens who was severely injured on Sept. 18 in a tractor accident and is in Hermann Hospital's Intensive Care Unit.

That most personal contribution is appreciated more (and needed more) than anything else you could do, but Shannon still needs blood for numerous operations so don't forget to donate.

Joanna and Tom Howe

(Donations for the child may be made at any scheduled JSC drive or at St. Luke's or Hermann hospitals. — Editor.)



NO GREATER HONOR — Viljar "Bill" Sovo, left, of the Crew Station Branch, Spacecraft Design Division, can hardly control his pride as Kevin Lesenski reads the inscription on a plaque naming Sovo "Honorary Polok of the year." Sovo, who is Finnish, reportedly earned the award through repeated verbal references to Poles. The humorous plaque was prepared by Lesenski and Ann Axakowsky, both Nelson and Johnson Engineering employees.

ROUNDUP

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Photographer: A. "Pat" Patnesky

Jogging competition set for October 21

The second NASA Intercenter Postal Jogging Competition will be held Thursday, Oct. 21.

Joggers at JSC and other NASA centers will all be running two-mile distances on that day. Winning times of both men and women in several categories will be recorded at each center and sent to the host center, Ames this time, where overall best center and individual winners will be determined.

JSC placed sixth overall in the first competition held last June with Headquarters as the host center.

Rules have been changed for the competition to allow contractor as well as civil service employees to participate.

JSC joggers will run their two miles on the Clear Lake High School track.

Recreation Center organizers attribute JSC's sixth place showing in June to the fact that there were no women among the 50 jogging participants here which gave us no points in the women's categories. They are encouraging women to take part this time.

Everyone interested must sign up between Oct. 12-20 and be assigned a time slot. Call the Recreation Center, X-3594, for information.

Plans are to hold the competition twice annually with the centers rotating as host.

Men compete by age groups: 29 and under; 30-39; 40-49, and 50 and over. Women compete in age groups 29 and under and 30 and over.

The host center receives all results and assigns point scores to the top ten times.

The center with the highest number of points receives the overall trophy and individual trophies are given to the runners with the best times in each age group.

Headquarters and Ames came in first and second overall in the last competition.

Top AF woman to speak

The highest ranking civilian woman in the U.S. Air Force will speak to the Space City-Houston chapter of the National Contract Managers Association at their monthly dinner meeting, Oct. 20. Mrs. Lucille S. Schlosser, Chairman, Procurement Committee, Headquarters Logistics Command will address the meeting held at the Holiday Inn on NASA Rd. 1 at 5 p.m.

Mrs. Schlosser, began her Civil Service career with the civilian personnel organization of the Air Material Command in 1941. Since, she has had a wide variety of procurement assignments.

In 1974, Mrs. Schlosser was selected as chairman of the Procurement Committee for Aeronautical Systems Division and served in that capacity until May 1976 when she transferred to Headquarters AF/LC. That selection made her the highest-ranking civilian woman in the Air Force.

Reservations should be made by Oct. 18, by calling Virginia Thompson, X-5441. Members and non-members are welcome.

EAA ATTRACTIONS

TICKETS

The following tickets are available at the Bldg. 11 Exchange Store from 10 a.m.-2 p.m., Monday-Friday:

JSC Picnic - Today, Friday, Oct. 8, is the last day to buy meal tickets for the EAA's Spirit of '76 Picnic at the Gilruth Center, Oct. 16. Price of \$3 includes admission and barbecue dinner. Tickets available from EAA representatives as well as at the Exchange Store. General admission tickets costing \$1 will continue to be sold next week.

Astroworld - Tickets good through the end of the season, Nov. 28, may be purchased at \$1.50 off the regular price. Adult tickets cost \$6 from EAA; children's \$5. Children under 3 are free. Get your tickets now to assure yourself of a discount.

Houston Aeros - EAA discount gift coupons may be exchanged at the Summit box office for "live" tickets on the night of the game. A \$6.50 coupon gets you an \$8 ticket, \$5.50 gets a \$7.50 ticket and \$4 gets a \$5 ticket. Aeros play Phoenix, Oct. 9; Calgary, Oct. 13; Birmingham, Oct. 16; New England, Oct. 19; Edmonton, Oct. 26, and St. Paul, Oct. 28.

Dean Goss Dinner Theater - Comedy production, *Take My Wife*, \$16/couple. Tickets available every night except Monday, Saturday, through Nov. 2.

ABC Interstate Theaters - \$1.50 admission tickets.

Six Flags Funseekers Club - Free membership cards. Six Flags will be open weekends through November.

Disney Magic Kingdom Club - Free membership cards.

Sea-Arama Marineworld - No tickets will be available until December.

CALCULATORS

Planning to buy a calculator? Check the prices in the Bldg. 11 Exchange Store. It carries Texas Instruments, Rockwell, Sharp and Hewlett-Packard brands at prices competitive with any retail outlet.

A few of the more popular models: HP-21, list \$80 for \$69; HP-25, list \$145 for \$125; HP-55 list \$335 for \$290; HP-67, list \$450 for \$388; Sharp EL-8009 and 8115, list \$39.95 for \$36; EL-8151, list \$119.95 for \$108.

Also Rockwell 63R for \$50; Rockwell 212P, list \$129.95 for \$113; TI-SR50A, list \$59.95 for \$54; TI-SR51A, list \$79.95 for \$71, and TI-SR52, list \$299.95 for \$257.

In addition, a full line of four-function and table model calculators are offered. Complete specifications and price lists for all models are available at the store.

DANCE CLASSES

New Dance classes start at the Gilruth Recreation Center on Wednesday, Oct. 13, at 6:45 p.m. They will continue every Wednesday for 10 weeks. Cost is \$37/couple and all JSC and contractor employees are eligible to join. For more information, call Bill Simon, X-4027.

BASKETBALL LEAGUES

Basketball leagues are scheduled to start the week of Nov. 1. Team captains must have their rosters and \$75 entry fees in no later than 6 p.m., Oct. 21.

Any qualified basketball officials interested in working at the Gilruth Center should contact Tim Kincaid, X-3594, as soon as possible.

The gym will be closed due to a power outage, Oct. 9, and on the holidays, Oct. 11 and 25. Normal

gym activities will be suspended Oct. 16 due to the EAA Picnic.

PLANT SWAP COMING

Due to popular demand, we are having another plant swap so come trade a plant, cutting, bulb, etc. at the free EAA Plant Swap in the picnic area beside the Gilruth Center from 4:15-5:30 p.m., Oct. 27. Give an orphan plant a home - pot now for the 27th.

ATTN: SOARING BUFFS

In response to a growing interest, a soaring club has been proposed for JSC. The club would be open to all NASA civil service and contractor employees and dependents. Persons interested in participating should contact Tom Minter, X-3811 or 482-2637.

LEARN SCUBA DIVING

If you act quickly, you can still get in on the JSC Lunarfins basic SCUBA diving course which began this week. The course will run about 7 weeks with two classes per week.

Students who successfully complete the course will be certified by NAUI as qualified SCUBA divers. For information, call Mike Slack, X-4393.

If you are interested in the course but want to sharpen your swimming skills, you may attend the club swim sessions at Clear Creek pool, Mondays at 7:30 p.m.

AERO CLUB

The Aero Club has installed a new 1600-hour engine on its Bonanza. New engines were installed in the Cessnas last winter.

The ground school, beginning at 5 p.m., Oct. 26, at the Gilruth Center, will have the latest Sanderson courses on aerodynamics, airspace, radar, ADF and medical aspects of flying. Aero Club ground school alumni are invited to attend free.

Roundup Swap Shop

Swap Shop advertising is open to JSC federal and on-site contractor employees. Goods or services must be offered as advertised, without regard to race, religion, sex or national origin. Non-commercial personal ads should be 20 words or less, and include home telephone number. Typed or scribbled ad copy must be received by AP3/Roundup by Thursday of the week prior to publication.

CARS & TRUCKS

72 Mustang Grande. Very clean, green/dk grn vinyl top, AM/FM stereo, power, good care, 1 owner. \$1,995. Jones, X-3271 or 741-1834 evngs.

66 Mercedes Benz Diesel. Air, good cond. Driskill, 938-0434.

72 Volvo 142E. Auto, air, AM/FM stereo, fuel inject. XInt orig cond, 44K mi. \$2,700. McCoy, 944-5574 or X-6467.

61 Austin Healy 3000 BT 7. As is or parts. Make offer. 334-1110.

73 Dodge Coronet Custom. 318, air, power, 4-dr. \$1,925. Lockard, 488-8007 after 5.

72 Porsche 914. XInt cond, air, AM/FM, 5-spd, 37 mpg, removable HT, steel radials, orig owner. \$4,000. Chuck, X-3905 or 488-0373 after 5.

66 Intl Scout. 2-whl drive, super beach car. \$675. Ream, 488-6903 evngs.

74 Olds Cutlass Supreme. Air, power, AM/FM stereo & 8-track, Ziebart, 4 new Michelin radials. Asking \$3,800. 333-5323 after 5.

69 Pontiac GTO. Belge/white, 1 owner, no rust, xint cond, 51K mi, power, air, good tires. \$1,600. Gibson, 488-6024 after 6.

74 Gremlin. Auto, air, cruise control, AM/FM. \$2,195. 333-2437.

75 Pontiac Astre. 2-dr sedan, xint cond, air, radio, 20-29 mpg, orig owner, 24K mi. \$2,600. 946-1128.

71 Ford LTD. 4-dr, 429-V8, air, power. Runs good, needs hood and body work. \$250. Jim, X-4339 or 481-3648.

73 Gremlin. 6-cyl, air, radio, 44K mi, good cond, must sell. \$1,795. Jim, X-4339 or 644-4436.

72 Ford F100 PU. 360 CID, auto, fiberglass camper cover. \$1,800 firm. Hill, 554-6630.

CYCLES

75 Honda CB-360T. 700 total miles, never got dirty, nicer than new. \$700. Kosel, 534-6098.

75 Honda 750 Super Sport. Blue, rack factory lug carr/sissy bar, xint cond. \$1,800. Bullock, 488-6095.

72 Suzuki TC-125. Good cond. \$290. Frost, 474-2129.

72 Yamaha 250 Enduro. 4500 miles. Larson, X-2181 or 482-3920 after 5.

74 Yamaha 360 MX. Never raced, new cond, C-2-believe. \$650. 991-4626.

73 Honda SL-350K2. Dirt/street bike. \$450. Bullock, 488-6095.

Honda XR-75 Dirt bike. XInt cond. \$300. 332-5449 after 5.

73 Yamaha TX500. Very good cond. \$795. Holmes, 334-1455 or 471-1618.

BOATS & PLANES

1970 Larson Tri-Hull 18-1/2 ft. Walk-thru windshield, 115 HP Johnson OB, hvy-duty trlr, ideal for family and skiing, very low hrs on motor, xint cond. \$2,400. 333-3897.

Sunfish sails. 2 "white patch" sails, old style in good cond. for non-racer. \$20 ea or 2/\$35. 471-3303.

All the fun gone out of flying Cessnas? Listen to the roar of a 600

HP radial. Join a T6/SNJ club. Grow, 479-4249.

PROPERTY & RENTALS

Wooded waterview lot at Point Lookout on Lake Livingston. 75 X 137, utilities, restrictions. \$3,295. 946-7587.

Rent/sale: CLC Middlebrook, 4-2-2, contemp w/atriliums and skylight, fireplace, fenced, near schls, 1 yr old, 2240 sq ft. \$385/mo or \$62,900. 474-2081 or 488-0346.

Bayou Vista canal lot. Paved rds, all undergrd utils, bulkheaded. Lot no. 874. \$6,995. Discount for cash or terms by owner. Chapman, (714) 636-8788 or (213) 992-1871.

Wildwood Resort City, in E. Texas, golf course, tennis, horses, water sports. 944-3342.

HOUSEHOLD ARTICLES

Hotpoint washer and elec dryer. Copertone in good cond. Jackie, 479-4261.

Couch and matching chair, \$30; swivel chair, \$5; pole lamp, \$5; apartment washing mach, \$25. 334-4175.

Beige satln lined drapes w/valence. 132-in wide by 92-in. \$25. 333-4669.

GE Solid State Stereo Console. Contemp style oiled walnut cabinet, 4 spkrs, good cond. \$125. Krenek, 479-3652 after 5:30.

Insinkerator Trash Masher, white stand alone unit, like new, \$125; Frigidaire Flair stainless steel elec range and eyelevel oven, coppertone, \$110. Klotz, 488-1514.

Burlington House (Vera) matching bedspread and drapes, 100" wide by 84", beautiful. Curtain pole, rings included, all like new. \$75. 488-4372.

MUSICAL INSTRUMENTS

Buescher Aristocrat Clarinet. Used 1 season. Stroup, 488-6000.

5 pc Drum Set w/hl-hat, stands, accs. Good cond, good beginner set. \$75 or best offer. Bailey, 488-0079.

One set of 4 drums, 2 cymbals. \$75. McCafferty, 488-1892 after 6.

MISCELLANEOUS

AKC Miniature Red Dachshunds. 1 pup, 3 adults. Males, \$100; fems, \$75. Horton, 334-2101 or X-5270.

Assorted mixture, mint US 3-cent commemorative stamps. \$10. Sugano, X-6355 or 482-5393 after 5.

Delco AM/FM car radio. Fits late mod GM trucks and cars. Less spkr. \$50. 481-6928.

Bay Area Racquet Club individual membership. \$350 value for \$280. 488-3976.

74 Winnebago motorhome for rent. \$140/wk, \$22/day, 9 cents/mi. 488-2329.

Snow Skis: 170 K2/Soloman 404, \$55; 170 Dynastar/Soloman 444, \$60; Ladies boots size 8, \$20; mens boots size 9, \$20. 334-1110.

Tool box and headache rack for small pickup. Good cond. \$100 for both. 479-7437.

9-1/2 ft. Tejas self-cont pickup camper. 10K BTU A/C, pressure water system, fridge, other extras. Blue Book value \$2,300, will sell for less. McCreary, 488-7636.

Eddie Bauer Down (5 lbs) sleeping bag. Good to zero deg, used 5 times.

Cost \$130, sell \$80. Gibson, 488-6024 after 6.

Hospital bed w/sideralls, \$125; Zenith 23" color TV w/bad yoke, \$75. Reeves, X-7204 or 482-7233.

WANTED

Apt or house to rent in NASA area for 2-3 mos. Giuli, X-6151.

Someone wishing to carpool to San Jac Coll from Clear Lake Forest or El Lago on Mon, 7-10 p.m., and Wed, 6:15-9:15 p.m. Andrea, X-4441 or 334-2129.

A qualified instructor for organ lessons living in CLC or Seabrook area. Info appreciated. Andrea, X-4441 or 334-2129.

Used study desk and chair set in good cond. Jeff, X-6355 or 482-5393 after 5.

LATE ENTRIES

FOUND: one pr brown-rimmed glasses in Bldg. 12. Contact Security, X-4441, or go by Bldg. 45, Rm 256 to claim.

2 bdrm, By the Sea Condominium apt, fully furn kitchen, linens, color TV. \$200/wk. Clements, 474-2622.

73 Vega Hatchback. Red-white-blue, new paint, air, auto, 40K mi. \$1,200 or best offer. Dickinson, 534-2476.

Antique clocks. 2 and 3 weight and Westminster wall clocks and variety of Amer and foreign mantle clocks. Below retail. 474-4041.

14-ft Quachita John boat. 5 HP outboard, hardly used. \$300. 333-2717 evngs.

Two big lots in beautiful Port Malabar, Fla. 941-6670 for info.

WANTED: Minolta SRT-101 35mm camera. Must be reasonable. Biggs, 487-2978.

Today is last day to buy Picnic meal tickets

See story, page 1

Drought takes pecan crop

By James McBride

What looked like another bumper pecan crop through spring and early summer has been wiped out at the JSC grove by fickle Mother Nature in the drought of July and August.

When the pecans began to drop, Grounds Maintenance Supervisor Art Booth contacted local horticulturists and pecan growers to determine why.

Harris County Extension Horticulturist William Adams wrote, "Considering the present situation, I feel

that the pecan droppage you are experiencing is primarily due to dry weather."

Local pecan growers and Galveston County Agent Joe Doby confirmed that the problem is general throughout the area.

The rainfall for JSC in July was 3.34 inches, compared to 6.80 inches for the same month in 1975. August rainfall was 1.85 inches, compared to 7.38 inches last year.

All that can be said to those looking forward to the pecan harvest is, "wait until next year."



FUNSEEKERS - If you missed last year's EAA Picnic, you don't know what fun was had by all these people and more. Don't be left out again this year. Get your tickets now for the Oct. 16 Spirit of '76 Picnic. They are available at the Bldg. 11 Exchange Store or from your EAA representative.

Dr. Quinn organizes telemetry tutorials

Four in-depth telemetry tutorials organized by Dr. Matthew Quinn of the Projects Support Office, GDSD, will be part of the Instrument Society of America's ISA-76 Conference and Exhibit, Oct. 11-14 at the Astrohall.

Two sessions of "Telemetry Updates" featuring four speakers covering basic concepts and reporting on the state-of-the-art in instrumentation will be held on Wednesday, Oct. 13.

Session I, 10 a.m. to 12:30 p.m., will have as lecturers Dr. John H. Painter, associate professor of electrical engineering at Texas A&M, and Dr. William C. Lindsay, associate professor of electrical engineering at the University of Southern California.

Topics of the first session will include various modulation and demodulation techniques for digital communication on realistic channels and a summary of basic concepts and techniques of block and convolutional coding.

Lecturers for the second session, 2:30-5 p.m., are Dr. Bartus H. Batson, head of JSC's Communications and Instrumentation Section, and Dr. Gaylord K. Huth, founder and president of Axiomatrix Corp.

That discussion will cover synchronization issues encountered in digital communications and te-

lemetry and recent developments in integrated detection/estimation/identification processes.

Telemetry topics will also be explored in the "Telemetry Application" technical paper session, Oct. 14, 10:30 a.m. to 12:30 p.m. That session was organized by Zafar Taqvi of Lockheed.

The ISA-76 Conference features a total of 80 tutorial, panel, clinic and technical paper sessions on process control technology, aerospace and test technology, instrumentation technology, and control engineering management. Throughout the week attendees may view the 400 instrument and control systems displays exhibited by leading manufacturers.

Within the past eight days, the United States House and Senate have passed a joint resolution authorizing the President to proclaim Oct. 10-16 as "Native American Awareness Week."

That resolution was written by Jerry Elliott and Joe Doke of the Shuttle Program Office, chief and sub-chief, respectively, of JSC's New Trails Club.

Elliott has received written assurance from Theodore C. Marrs, special assistant to the President, that the White House will support the proclamation.

The stated purpose of Native American Awareness Week is "to spotlight the impressive collection of Native American talent and contributions to society" and "to more realistically portray the true image" of the American Indian.

Elliott and Doke began working on the proclamation last January.

U.S. Sen. Lloyd Bentsen of Texas introduced the resolution in the Senate, which passed it Sept. 30.

U.S. Rep. Theodore Risenhoover of Oklahoma, and co-sponsors Barbara Jordan, John Rhodes and Carl Albert, led the measure through the House, which passed it Oct. 1.

Neither house of Congress changed the wording of the resolution as written, Elliott said.

Elliott expects that President Ford will sign the proclamation Oct. 9 or 10 and plans to go to Washington, D.C. and bring a signed copy of the resolution back with him.

This will be the first time in the country's history that a national observance will be held in honor of American Indians.

Similar proclamations have already been signed by the governors of California, Oklahoma, South Dakota and New Mexico and the mayors of Los Angeles, San Francisco, San Diego, Oklahoma City, Nassau Bay and Montebello, Calif.,

Elliott said.

Texas Governor Dolph Briscoe and Houston Mayor Fred Hofheinz are also expected to proclaim Native American Awareness Week, he said.

"We are trying to make people aware of the vast pool and potential that has in the past been going to waste," Doke said.

"We are not asking for favors, simply to be accepted as people," he said. "The problem that we face now is apathy."

Joint Resolution

Authorizing the President to proclaim the week of October 10 through 16, 1976 as "Native American Awareness Week".

Whereas native American people, both on and off the reservation, are receiving too little recognition for their contributions to society;

Whereas to the extent there has been oppression of all Indian tribes and people, many non-Indians have lost or have never fully understood the true image of the native American;

Whereas there is a strong and renewed interest in the self-preservation of all aspects of Indian culture and heritage;

Whereas there is urgency to promote a unified effort of all for the common good, and to bring about a more wholesome relationship among native Americans;

Whereas the native American population is working for a better future, for a revival of participation in the tribal affairs, and for a revival of moral support for the tribal councils;

Whereas the opportunity exists for an improved understanding regarding how the peoples' needs and

Members of the New Trails Club, which formed here last spring, are planning a JSC observance centering on Oct. 14.

The Council of the Cherokee Nation has been approached about a possible exhibit which could be sent to JSC and the Alabama-Coushatta of East Texas may be asked to provide a group of dancers, Doke said.

An exhibit of Native American art and artifacts is expected to be on display in the lobby of Bldg. 1.

desires are reflected in the programs and policies of the tribal governments and Federal agencies;

Whereas the native American communities are voicing greater self-expression and exposure of their values to surrounding communities, and are taking a more active role in the use and development of their skills and resources;

Whereas the native American people made significant historical contributions to the welfare and survival of early pioneers and explorers who ultimately founded the Republic of the United States of America: Now, therefore be it

Resolved by the Senate and House of Representatives of the United States of America in Congress Assembled

That the President of the United States is hereby authorized and directed to issue a proclamation designating the week of October 10 through 16, 1976, as "Native American Awareness Week", and calling upon the people of the United States to observe such week with appropriate ceremonies and activities.

ASCE adds division

The American Society of Civil Engineers (ASCE) has expanded its Technical Council on Aerospace to full division status, effective Oct. 1.

Called the Aerospace Division, it is being established for the following purposes:

"To stimulate and serve the interests of ASCE members employed in the aerospace industry and related government agencies;

"To foster activities and programs of interest to all civil engineers involved with aerospace activities;

"To facilitate the transfer of aerospace engineering endeavors and technology to appropriate divi-

sions, councils and the membership of ASCE, and

"To coordinate ASCE aerospace activities with other professional organizations and agencies."

Technical committees being formed within the new division are Remote Sensing, Advanced Technology, Aerospace Energy Systems, Aerospace Environmental Systems, Advanced Data Collection and Management, and Aerospace Structures and Materials.

These committees are not yet fully staffed. ASCE members or others interested in serving on a committee or wishing additional information may contact Richard L. Sauer, X-5031.

Bicentennial Minutia

At midday on Oct. 16, 1776, Abigail Merriwether of Framingham, Mass., was evicted from her home by a squad of British infantrymen.

Having no place else to go, Abigail spread a blanket on her front lawn where she sat defiantly and ate her lunch of hot dogs, potato chips and twinkies.

Yes, Abigail Merriwether invented the picnic. She also gave a new lease on life to the common ant, then an endangered species. And that's the way it was - more or less.

To commemorate this little-noted Bicentennial event, the Employees Activities Association will hold its Spirit of '76 Picnic on Oct. 16 at the Gilruth Recreation Center. Get your tickets from an EAA representative or at the Bldg. 11 Exchange Store.